









RMX 2450 Replacement Parts

QSC part #	Description	Qty.	Notes or Component Reference
Misc.			
1806-2507-0 2113-1144-0 4134-9101-0 4154-0361-0 5200-4717-0 5200-3531-0 5200-4731-0 7010-9640-0 7009-8620-0 8900-9050-1	POWER TRANSFORMER, 1800 AC INLET METAL WIND GUIDE FAN GUIDE ROCKER POWER SWITCH CIRCUIT BREAKER 15A CIRCUIT BREAKER 8A AC CORD SET 15A POWER CORD SET CE DC FAN 24V 80X80 (+5V)	1 1 1 1 1 1 1 1 1	For 120V models For 230V models For 120V models For 230V models
AC Board			
4701-202J-C 4701-474J-C 4701-682J-C 153R-224K-5-Y1 153T-473K-5-WS 1570-108M-5-X9E 3130-9270-0 4719-121J-1-X 471B-120J-1-X 4840-1760-0 4840-2150-0 4860-2620-5 5400-0831-0 5400-1831-1 8910-0273-0 8910-0275-0	RCF 1/8W 2K 5% ATS RCF 1/8W 470K 5% ATS RCF 1/8W 6.8K 5% ATS CM 250V 0.22uF 10% RL CM 400V 0.047UF 10% RL CE 35V 1000UF 20% RL IC 4N29 RMF 2W 120R 5% AL METAL RMF 5W 12R 5% AL METAL DIODE RECT 1A 200V DB103 BRIDGE RECTIFIER 400V TR TIP31C SAMSUNG HEATSINK HEATSINK FOR RECTIFIER POLYSWITCH 0.15 ohm 1.1A THERMAL NTC 30A 1 ohm	1 1 2 4 1 1 1 2 1 4 1 1 4 1 1	R13 R12 R9, R14 C127, C128, C227, C228 C10 C6 U2 R17 R28, R29 BR1 BR100, BR101, BR200, BR201 Q3 REF: Q3 REF: BR100, BR101, BR200, BR201 R1 R21
Channel 1 n	nodule		
153F-154J-5-NLM 153F-223J-5-LQ 153F-224J-5-NLM 153F-332J-5-KW 153H-102J-5-IQ 153R-104J-5-YRM 153R-152J-5-XQ 153R-683J-5-WWM 157D-107M-5-OUN	CM 50V 0.15UF 5% RL CM 50V 0.022UF 5% RL CM 50V 0.22UF 5% RL CM 50V 3300pF 5% RL 6x12 CM 100V 0.001U 5% RL 5X CM 250V 0.1u 5% RL CM 250V 0.0015UF 5% RL CM 250V 0.068u 5% RL CE 16V 100UF 20% RL 8X11	4 2 2 2 2 2 2 1 2 2	C108, C109, C208, C209 C116, C119 C107, C207 C172, C179 C131, C231 C174, C175 C114 C124, C126 C125, C225

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157D-476M-5-LUN	CE 16V 47u 20% RL 6.5X11	2	C106, C206
157E-107M-5-KW	CE 25V 100uF 20% RL 6x12	4	C105, C173, C180, C205
157E-226M-5-IUN	CE 25V 22uF 20% RL 5X11	1	C129
157E-227M-5-PU	CE 25V 220uF 20% RL	4	C112, C113, C212, C213
157Q-106M-5-IU	CE 35V 10uF 20% RL 5x11	1	C171
1804-1040-0	SPRING COIL 2uH (14gaWIRE)	1	L100
2101-1991-0	8 PIN IC SOCKET DIP	2	REF: U101, U201
2101-2081-0	26 PIN DUAL ROW IEC	1	J103
2102-130S-003	13 PIN WAFER P2.0 ST.	1	J104
3130-2430-0	IC-NE5532 OPER. AMP PHIL	2	U101, U201
3700-4529-R	LED 04mm RED W/STAND	2	LD100, LD200
3700-4530-Y	LED 04mm YELLOW W/STAND	2	LD101, LD201
4134-8851-0	FUSE HOLDER (DIA.6.3MM	2	F100
4715-100J-2	RMF 1/4W 10R 5% AT	1	R163
4715-101J-2	RMF 1/4W 100R 5% AT	1	R164
4717-2322-2	RMF 1/2W 23.2K 1% AT	3	R122, R123, R222
4718-123J-2-X	RMF 1W 12K 5% AT METAL	2	R177, R194
4718-153J-2-X	RMF 1W 15K 5% AT METAL	1	R165
4718-220J-2-P	RMF 1W 22R 5% AT FP	2	R136, R137
4718-3R3J-1-X	RMF 1W 3.3R 5% AL	3 2	R146, R147, R20
4719-1R5J-1-X 4719-5R6J-1-X	RMF 2W 1R5 5% AL METAL RMF 2W 5.6R 5% AL METAL	1	R181, R182 R160
471A-022K-5-N	RMF 3W 0.22R 10% RL RGC3	8	
471B-120J-1-X	RMF 5W 12R 5% AL METAL	o 4	R142, R143, R148, R149, R152, R153, R156, R159 R154, R155, R161, R162
471B-222J-1-X	RMF 5W 2.2K 5% AL METAL	3	R157, R158, R198
471B-512J-1-X	RMF 5W 5.1K 5% AL METAL	2	R180, R188
471B-822J-1-X	RMF 5W 8.2K 5% AL METAL	4	R118, R119, R133, R135
4750-6200-0	VR V012CPH, D-SHAFT 10K	2	R112, R212
4756-1016-3-06	SVR H6 100R RH0615C	1	R131
4756-2226-3-06	SVR 2.2K H3 7X7.6 R0615C	2	R139, R140
4804-0040-1	DIODE IN4004 AL	4	D10, D12, D117, D118
4804-9340-2	DIODE IN4934 AT	2	D108, D109
4837-3B20-2	DZ 1/2W 3.8-4.0V AT	1	D170
4837-5B10-2	DZ 1/2W 5.5-5.8V AT	2	D107, D110
4838-10V6-2	DZ 1.3W 10V AT TEMIC	1	D174
4838-12V6-2	DZ 1W 12V AT TEMIC	1	D178
4838-15V6-2	DZ 1W 15V AT TEMIC	4	D100, D101, D200, D201
4840-2190-0	DIODE MUR1520 15A 200V	2	D175, D176
4860-5020-5	TR MJE15032	1	0105
4860-5030-5	TR MJE15033	1	Q106
4860-5050-5	TR 2SC5200 T0-3P (L)	4	Q104, Q108, Q110, Q112
4860-5060-5	TR 2SA1943 T0-3P (L)	4	Q103, Q107, Q109, Q111
4860-5250-5	TR 2N5064 TRIODE	2	D119, D120
490F-Z440-5	FET IRFZ44 TO-220 60V	2	Q170, Q174
5120-0501-0	FUSE T25A/125V 6.4X32MM	1	F100
8910-0274-0	THERMAL PTC 60C 100 ohm	1	R4
8910-0482-0	TRIAC 600V 40A MAC224A8	1	0113
8910-0488-0	ROD THERMISTOR NTC 50ohm	1	R134
8910-0494-0	CE 63V 12000uF 20% RL	4	C120-C123
SMT parts			
150F-101J-J-BD	CC 50V 100pF 5% 0805 1.2	1	C130
150F-101K-J-BD	CC 50V 100P 10% 0805	1	C132
150F-103M-J-BD	CC 50V 0.01uF 20% 0805 1	1	C181
150F-104M-6-CF	CC 50V 0.1uF 20% 1206 1.	2	C104, C178
150F-181K-J-BD	CC 50V 180P 10% 0805	4	C101, C103, C201, C203

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150F-222K-6-CF	CC 50V 2200pF 10% 1206 1	1	C115
150F-470J-J-BD	CC 50V 47pF 5% 0805 1.2x	5	C110, C170, C176, C177, C210
15CG-270J-6-CF	CTC 0/30 27P 5% 1206	2	C111, C211
3130-9240-0	IC LM311M VOLTAGE	2	U170, U171
3131-9730-0	IC NE5517D	1	U10
4720-101J-J	RMG 1/10W 100R 5% 0805	6	R109, R110, R127, R209, R210, R227
4720-102J-J	RMG 1/10W 1K 5% 0805	3	R102, R126, R202
4720-103A-J	RMG 1/10W 10K 1% 0805	8	R100, R101, R105, R106, R200, R201, R205, R206
4720-103J-J	RMG 1/10W 10K 5% 0805	3	R103, R128, R203
4720-123J-J	RMG 1/10W 12K 5% 0805	1	R176
4720-152J-J	RMG 1/10W 1.5K 5% 0805	1	R129
4720-202J-J	RMG 1/10W 2K 5% 0805	2	R190, R195
4720-222J-J	RMG 1/10W 2.2K 5% 0805	1	R191
4720-243J-J	RMG 1/10W 24K 5% 0805	4	R117, R121, R217, R221
4720-271J-J	RMG 1/10W 270R 5% 0805	4	R113, R196, R213, R296
4720-3011-J	RMG 1/10W 3.01K 1% 0805	2	R24, R175
4720-391J-J	RMG 1/10W 390R 5% 0805	2	R120, R220
4720-393J-J	RMG 1/10W 39K 5% 0805	2	R107, R207
4720-470J-J	RMG 1/10W 47R 5% 0805	2	R170, R189
4720-472J-J	RMG 1/10W 4.7K 5% 0805	8	R114, R138, R174, R179, R187, R193, R214, R238
4720-473J-J	RMG 1/10W 47K 5% 0805	1	R183
4720-474J-J	RMG 1/10W 470K 5% 0805	2	R172, R185
4720-592A-J	RMG 1/10W 5.9K 1% 0805	2	R171, R184
4720-750J-J	RMG 1/10W 75R 5% 0805	1	R124
4720-752J-J	RMG 1/10W 7.5K 5% 0805	2	R108, R208
4720-821J-J	RMG 1/10W 820R 5% 0805	2	R111, R211
4721-101J-6	RMG 1/8W 100R 5% 1206	1	R197
4721-154J-6	RMG 1/8W 150K 5% 1206	6	R104, R173, R178, R186, R192, R204
4721-4643-6	RMG 1/8W 464K 1% 1206	3	R166, R167, R266
4721-473J-6	RMG 1/8W 47K 5% 1206	1	R125
4721-683A-6	RMG 1/8W 68K 1% 1206	4	R22A, R22B, R23A, R23B
4721-821J-6	RMG 1/8W 820R 5% 1206	4 2	R115, R130, R132, R215 R116, R216
4721-824J-6 4804-1480-3	RMG 1/8W 820K 5% 1206 DIODE LL4148 SM	2 18	D102–D106, D111–D116, D171, D173, D177, D202, D203,
4004-1400-3	DIODE LE4140 SIVI	10	D205, D206
4853-9060-3	TR 3906 PNP SM	4	Q100, Q172, Q175, Q200
4860-0640-3	TR 3904 HFE 100-300 SM	4	Q101, Q102, Q171, Q173
		4	4101, 4102, 4171, 4173
Channel 2 n	nodule		
153F-223J-5-LQ	CM 50V 0.022UF 5% RL	2	C216, C219
153F-332J-5-KW	CM 50V 3300pF 5% RL 6x12	2	C272, C279
153R-104J-5-YRM	CM 250V 0.1u 5% RL	2	C274, C275
153R-152J-5-XQ	CM 250V 0.0015UF 5% RL	1	C214
153R-683J-5-WWM	CM 250V 0.068u 5% RL	2	C224, C226
157E-107M-5-KW	CE 25V 100uF 20% RL 6x12	2	C273, C280
157E-226M-5-IUN	CE 25V 22uF 20% RL 5X11	1	C229
157F-476M-5-LU	CE 50V 47uF 20% RL	1	C8
157Q-106M-5-IU	CE 35V 10uF 20% RL 5x11	1	C271
157R-475M-5-0V	CE 250V 4.7u 20% RL	1	C7
1804-1040-0	SPRNG COIL 2uH(14gaWIRE)	1	L200
2102-031S-004	3 PIN ST. WAFER	1	J257
2102-130S-003	13 PIN WAFER P2.0 ST.	1	J204
3700-4531-G	LED 04mm GREEN W/STAND	1	LD1
4134-8851-0	FUSE HOLDER (DIA.6.3MM	2	REF: F200
4715-100J-2	RMF 1/4W 10R 5% AT	1	R263

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4715-101J-2	RMF 1/4W 100R 5% AT	1	R264
4718-123J-2-X	RMF 1W 12K 5% AT METAL	2	R277, R294
4718-153J-2-X	RMF 1W 15K 5% AT METAL	1	R265
4718-220J-2-P	RMF 1W 22R 5% AT FP	2	R236, R237
4718-3R3J-1-X	RMF 1W 3.3R 5% AL	2	R246, R247
4719-1R5J-1-X	RMF 2W 1R5 5% AL METAL	2	R281, R282
4719-333J-2-X	RMF 2W 33K 5% AT METAL	2	R2, R5
4719-5R6J-1-X	RMF 2W 5.6R 5% AL METAL	1	R260
471A-022K-5-N	RMF 3W 0.22R 10% RL RGC3	8	R242, R243, R248, R249, R252, R253, R256, R259
471B-120J-1-X	RMF 5W 12R 5% AL METAL	4	R254, R255, R261, R262
471B-222J-1-X	RMF 5W 2.2K 5% AL METAL	3	R257, R258, R298
471B-512J-1-X	RMF 5W 5.1K 5% AL METAL	2	R280, R288
471B-822J-1-X	RMF 5W 8.2K 5% AL METAL	4	R218, R219, R233, R235
4756-1016-3-06	SVR H6 100R RH0615C	1	R231
4756-2226-3-06	SVR 2.2K H3 7X7.6 R0615C	2	R239, R240
4804-0040-1	DIODE IN4004 AL	5	D1, D11, D13, D217, D218
4804-9340-2	DIODE IN4934 AT	2	D208, D209
4837-3B20-2	DZ 1/2W 3.8-4.0V AT	1	D270
4837-5B10-2	DZ 1/2W 5.5-5.8V AT	2	D207, D210
4838-10V6-2	DZ 1.3W 10V AT TEMIC	1	D274
4838-12V6-2	DZ 1W 12V AT TEMIC	1	D278
4838-15V6-2	DZ 1W 15V AT TEMIC	2	D8, D15
4840-2190-0	DIODE MUR1520 15A 200V	2	D275, D276
4860-5020-5	TR MJE15032	1	Q205
4860-5030-5	TR MJE15033	1	Q206
4860-5050-5	TR 2SC5200 T0-3P (L)	4	Q204, Q208, Q210, Q212
4860-5060-5	TR 2SA1943 T0-3P (L)	4	Q203, Q207, Q209, Q211
4860-5250-5	TR 2N5064 TRIODE	2	D219, D220
4860-8890-0	TR MPS A06 VCE 80V NS	1	05
490F-Z440-5	FET IRFZ44 TO-220 60V	2	Q270, Q274
5120-0501-0	FUSE T25A/125V 6.4X32MM	1	F200
8910-0274-0	THERMAL PTC 60C 100 ohm	1	R7
8910-0482-0	TRIAC 600V 40A MAC224A8	1	0213
8910-0488-0	ROD THERMISTOR NTC 50ohm	1	R234
8910-0494-0	CE 63V 12000uF 20% RL	4	C220-C223
SMT Parts			
150F-101K-J-BD	CC 50V 100P 10% 0805	1	C9
150F-103M-J-BD	CC 50V 0.01uF 20% 0805 1	1	C281
150F-104M-6-CF	CC 50V 0.1uF 20% 1206 1.	1	C278
150F-104M-J-BD	CC 50V 0.1uF 20% 0805 1.	1	C11
150F-222K-6-CF	CC 50V 2200pF 10% 1206 1	1	C215
150F-470J-J-BD	CC 50V 47pF 5% 0805 1.2x	3	C270, C276, C277
3130-9240-0	IC LM311M VOLTAGE	2	U270, U271
4720-103J-J	RMG 1/10W 10K 5% 0805	1	R228
4720-123J-J	RMG 1/10W 12K 5% 0805	1	R276
4720-152J-J	RMG 1/10W 1.5K 5% 0805	1	R229
4720-202J-J	RMG 1/10W 2K 5% 0805	3	R8, R290, R295
4720-222J-J	RMG 1/10W 2.2K 5% 0805	1	R291
4720-3011-J	RMG 1/10W 3.01K 1% 0805	1	R275
4720-470J-J	RMG 1/10W 47R 5% 0805	3	R25, R270, R289
4720-472J-J	RMG 1/10W 4.7K 5% 0805	4	R274, R279, R287, R293
4720-473J-J	RMG 1/10W 47K 5% 0805	1	R283
4720-474J-J	RMG 1/10W 470K 5% 0805	2	R272, R285
4720-592A-J	RMG 1/10W 5.9K 1% 0805	2	R271, R284

QSC part #	Description	Qty.	Notes or Component Reference
4720-750J-J	RMG 1/10W 75R 5% 0805	1	R224
4721-101J-6	RMG 1/8W 100R 5% 1206	1	R30
4721-105J-6	RMG 1/8W 1M 5% 1206	2	R3, R6
4721-154J-6	RMG 1/8W 150K 5% 1206	5	R10, R273, R278, R286, R292
4721-224J-6	RMG 1/8W 220K 5% 1206	2	R18, R26
4721-334J-6	RMG 1/8W 330K 5% 1206	1	R27
4721-4643-6	RMG 1/8W 464K 1% 1206	1	R15
4721-473J-6	RMG 1/8W 47K 5% 1206	1	R225
4721-682J-6	RMG 1/8W 6.8K 5% 1206	1	R19
4721-821J-6	RMG 1/8W 820R 5% 1206	2	R230, R232
4804-1480-3	DIODE LL4148 SM	18	D2–D7, D9, D14, D204, D211–D216, D271, D273, D277
4853-9060-3	TR 3906 PNP SM	5	Q4, Q6, Q7, Q272, Q275
4860-0640-3	TR 3904 HFE 100-300 SM	6	Q8, Q9, Q201, Q202, Q271, Q273
4860-5110-3	TR KST42	1	Q1
Input Board			
150F-471J-5-0F	CC 50V 470pF 5% RL 8x3.5	4	C1, C2, C3, C4
2113-1337-1	XLR FEMALE CONN.	2	J101, J201
2113-1652-0	PHONE JACK 1/4" 6.4 mm	2	J102, J202
5200-4713-0	10 POLE DIP SWITCH	1	SW1
7010-9860-0	26 PIN IEC RIBBON CABLE	1	J1
Output Boar	d		
2113-1336-1	SPEAKON NEUTRIK 4 WIRE	2	J100, J200
2113-1338-0	4-POLE SPEAKER TERMINAL	1	J103
4154-2111-0	OUTPUT POST PLUG FOR CE	2	For European models only
4154-2121-0	OUTPUT POST PLUG FOR CE	2	For European models only
1101 2121 0	3011 01 1 001 1 200 1 011 02	_	1 of European models only